

Splicers Fusion



Type-25eU/S/M Hand-Held Fusion Splicer



Description:

The new Type-25e TomCats incorporate all the features, functions, and proven reliability of the Type-25 family—the industry’s most popular handheld splicers for FTTx, premise, and restoration applications—but with numerous enhancements. The new TomCats feature improved optical technology utilizing your choice of an economical one camera or an industry standard dual camera splice loss estimation system. The improved optical technology, combined with a quicker splice protection sleeve heater, allows the unit to deliver a typical splice time in less than 11 seconds for SMF or MMF.

These next generation TomCats continue with Sumitomo’s mission of customer focused engineering by reducing the customer’s overall cost of ownership. The units feature an internal battery charger

and AC adapter to reduce equipment cost. They also utilize electrodes common with both the Type-39 and Type-66 to reduce customers’ inventory cost, as well as ordering frustrations. Improved battery technology allows the technician to perform 60 splices on a single battery charge. Included in the “full-featured” distinction of the TomCat splicers are adjustable front-to-back position monitors that allow the user to observe the fiber during the splicing process.

The units are also compatible with Sumitomo’s new Lynx—CustomFit™ Splice-on Connector, which makes index matching gel, hand polishing, epoxies, and splice trays obsolete. The Type-25e family features an improved fiber holder system to increase splice repeatability, while making the units effortless to learn and operate.

Fusion and Termination Products

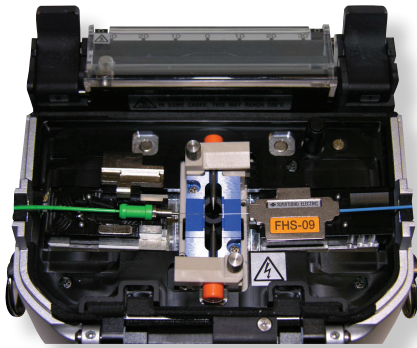
Specifications	Type-25eU	Type-25eS	Type-25eM
RoHS	Compliant (Engineered to be Environmentally Friendly)		
Alignment Method	Fixed V-Groove		
Applicable Fiber Types	SMF, MMF, DSF, NZ-DSF		
Fiber Count	1ct.	1ct.	Up to 4ct. Ribbon
Splice Loss Estimation	No	Yes	Yes
Fiber Placement	Fiber Holder System (Unified Fiber Holders for Type 25e/Type 66/Type-65)		
Cladding Diameter	125 μm		
Typical Splice Loss	Identical Fibers		
SMF/MMF	0.10/0.04dB	0.05/0.03dB	0.05/0.03dB
Typical Heaters Cycle	40 Seconds		
Typical Splice Time	11 Seconds		
Battery Operation	60 Splice & Heat Shrink Cycles per Charge		
Arc Test	Automatically Compensates for Environmental Conditions		
External Interface	12 Volt DC Output for Accessories USB Port for Quick PC Transfers		
Internal Splice Data Storage	1500		
Lynx—CustomFit™ Splice-On Connector	Compatible		
Powering Options	Internal Battery Charger Internal AC Adapter		

Splicers

Fusion

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Shown with Optional Lynx CustomFit™
Splice-on Connector.

Customer Focused Features:

- Dual Camera Splice Loss Estimation
- Economically Priced Single Camera Unit
- 60 Splice & Heat Shrinks per Battery Charge
- Multiple Language Options Including Spanish
- User-Friendly Menu Selection System
- Unified Holders for Type-25e/Type-66
- Unified Electrodes for Type-25e/Type-66/Type-39
- Built-in Battery Charger
- AC Adapter Incorporated within Unit
- Lynx—CustomFit Splice-On Connector Compatible
- Automatic Arc Test Function
- 24-Hour Technical Support via

Physical Characteristics

Size	120W x 145D x 160H mm (4.9W x 5.7D x 6.3H in)
Weight	1350 g (2.9 lbs)
Power Requirement (via built-in AC interface)	Input: 100 to 240V AC; 50/60Hz, 12V DC
Wind Protection	30 mph (15 m/s)

Ordering Information

Description	Part Number
Splicer Kit with accessories, Type 25eU	TYPE-25eU-KIT-1
Splicer Kit with accessories, Type 25eU and Precision Optical Cleaver	TYPE-25eU-KIT-2
Splicer Kit with accessories, Type 25eS	TYPE-25eS-KIT-1
Splicer Kit with accessories, Type 25eS and Precision Optical Cleaver	TYPE-25eS-KIT-2
Splicer Kit with accessories, Type 25eM	TYPE-25eM-KIT-1
Splicer Kit with accessories, Type 25eM and Precision Optical Cleaver	TYPE-25eM-KIT-2

Accessories

Description	Part Number	UOM
250µm Single Fiber Holder (T-25e & T-61 to T-66)	FHS-025	1 pr.
900µm Single Fiber Holder (T-25e & T-61 to T-66)	FHS-09	1 pr.
2 Count Ribbon Holder (T-25eM & T-61 to T-66)	FHM- 2	1 pr.
4 Count Ribbon Holder (T-25eM & T-61 to T-66)	FHM- 4	1 pr.
Spare Electrodes (T-25e, T-39 & T-66)	ER-10	1 pr.
Battery Unit	BU-HH2	1 ea.
Hand-Held Precision Single Fiber Cleaver	FC-7	1 ea.
High Precision Cleaver, Single or Ribbon, With Scrap Catcher	FC-6M-C	1 ea.
Cleaver Blade (FC-XXX)	FCP-BL	1 ea.
Thermal Jacket Remover, 1ct. to 4ct. Ribbon, Battery Operated	JR-5B	1 ea.
Fiber Protection Sleeves (Single Fiber, 60mm, 50 Sleeves)	FPS-1	1 pk.
Fiber Protection Sleeves (Single Fiber, 60mm, 10 Sleeves)	FPS-40-10P	1 pk.
Fiber Protection Sleeves (4 Fiber Ribbon, 5 Sleeves)	FPS-6-5P	1 pk.
Mini Work Platform	MPF-01	1 ea.
V-groove Brush	VGB-003-CR	1 ea.

See page F11 for complete Lynx-CustomFit™ Splice-On Connector ordering information.

Type-25eU-KIT-1, Type-25eS-KIT-1 and Type-25eM-KIT-1 Components:

- Fusion Splicer
- Spare Electrodes
- Battery and Charging Cable
- Power Cord
- V-Groove Brush
- Operation Manual
- 250µm and 900µm Fiber Holders
- 4 Count Ribbon Holders included with 25eM
- Jacket Remover
- Hard Carrying Case

Type-25eU-KIT-2, Type 25eS-KIT-2 and Type-25eM-KIT-2:

- Includes all components above plus a Precision Optical Cleaver and 900µm Fiber Holders